

**EXPRESS MAIL LABEL NO. EM400992956US**

**PATENT**  
Attorney Docket No. MIT-118

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

APPLICANTS: Harchol-Balter et al.  
SERIAL NO.: Not Yet Assigned      GROUP NO.: Not Yet Assigned  
FILING DATE: Herewith      EXAMINER: Not Yet Assigned  
TITLE: SYSTEM AND METHOD FOR RESOURCE DISCOVERY

Assistant Commissioner for Patents  
Washington, D.C. 20231

**TRANSMITTAL OF FORMAL DRAWINGS**

Sir:

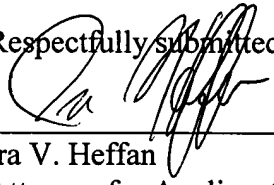
The formal drawings for this application - Number of Sheets - Ten (10).

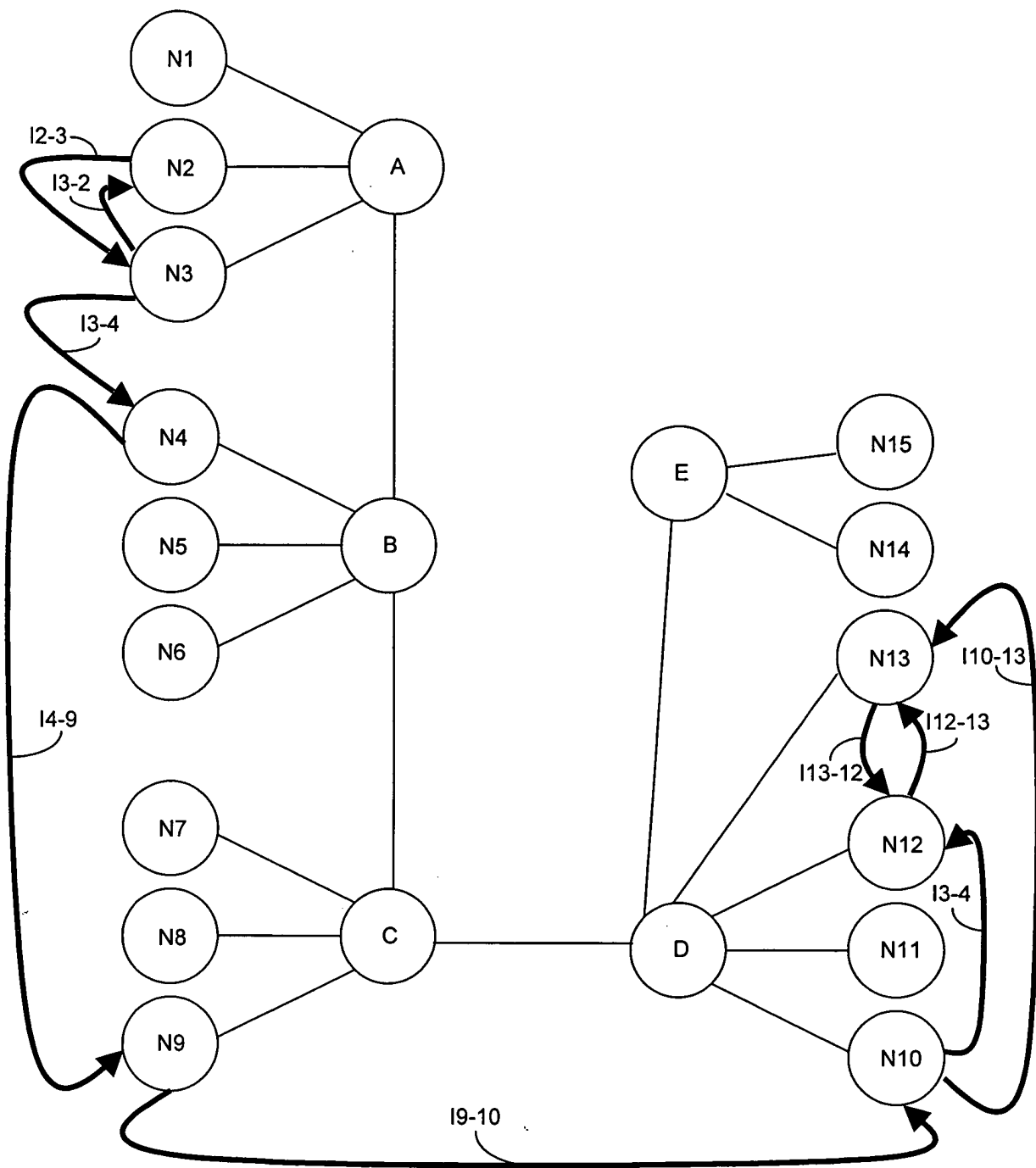
Date: May 23, 2000  
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Tel. No.: (617) 248-7176  
Fax No.: (617) 248-7100

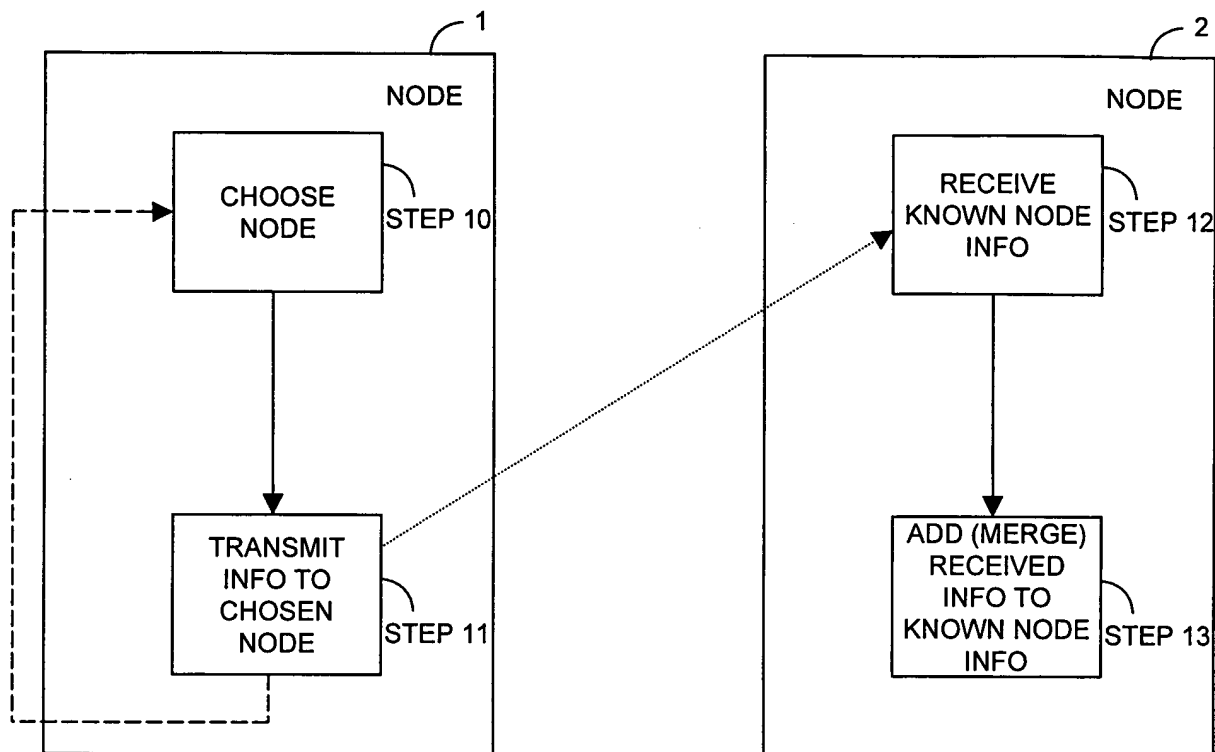
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Respectfully submitted,

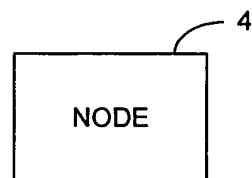
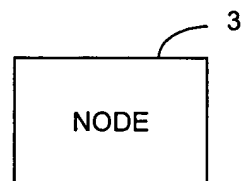
  
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Ira V. Heffan  
Attorney for Applicants  
Testa, Hurwitz, & Thibeault, LLP  
High Street Tower  
125 High Street  
Boston, Massachusetts 02110



**FIG. 1**

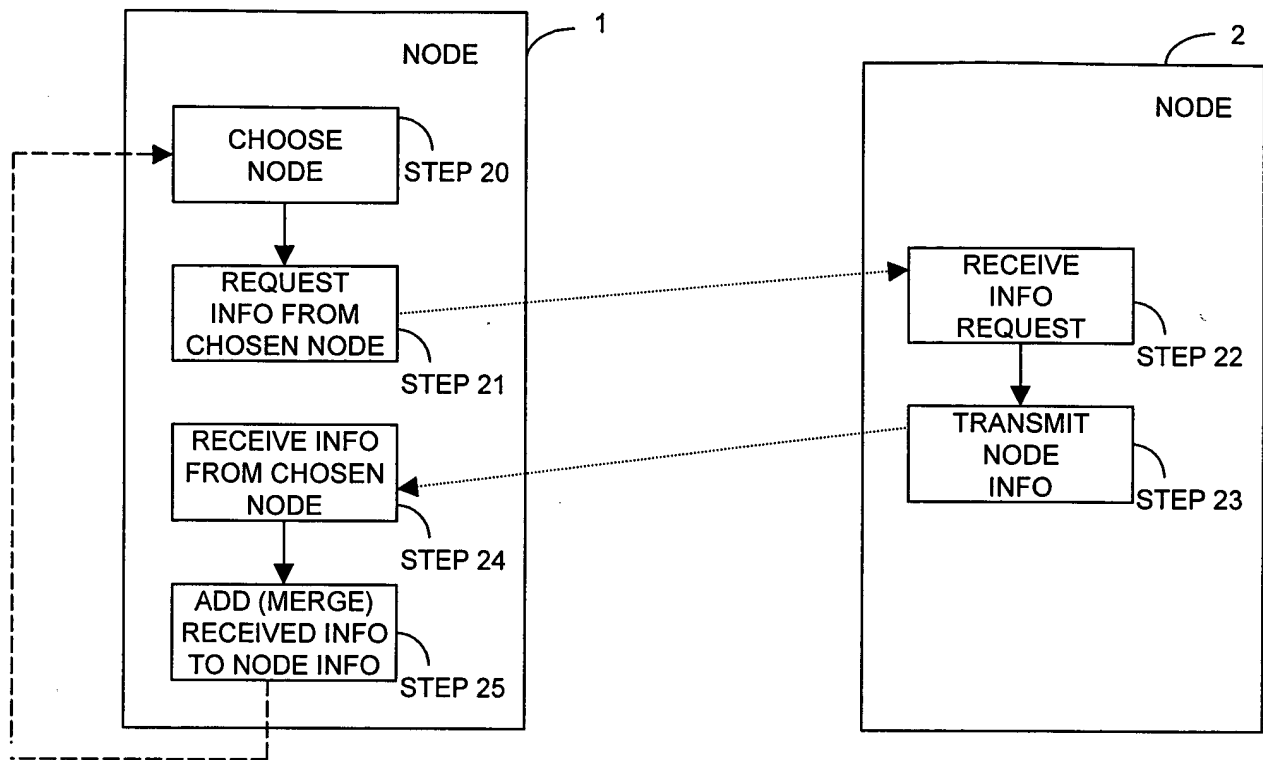


**FIG. 2**  
**NAME DROPPER**

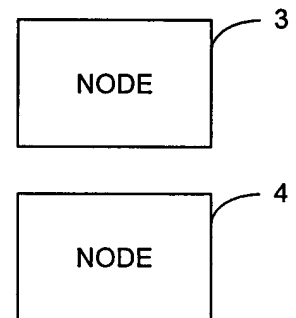


	N2	N3	N4	N9	N10	N12	N13
INITIALLY HAS INFO ABOUT	N2, N3	N2, N3, N4	N4, N9	N9, N10	N10, N12, N13	N12, N13	N12, N13
ROUND 1 PICK	N3	N2	N9	N10	N12	N13	N12
AFTER ROUND 1 HAS INFO ABOUT	N2, N3, N4	N2, N3, N4	N4, N9	N4, N9, N10	N9, N10, N12, N13	N10, N12, N13	N12, N13
ROUND 2 PICK	N3	N4	N9	N4	N13	N10	N12
AFTER ROUND 2 HAS INFO ABOUT	N2, N3, N4	N2, N3, N4	N2, N3, N4, N9, N10	N4, N9, N10	N9, N10, N12, N13	N10, N12, N13	N9, N10, N12, N13
ROUND 3 PICK	N4	N2	N10	N4	N12	N13	N10
AFTER ROUND 3 HAS INFO ABOUT	N2, N3, N4	N2, N3, N4	N2, N3, N4, N9, N10	N4, N9, N10	ALL	N9, N10, N12, N13	N9, N10, N12, N13
ROUND 4 PICK	N3	N4	N9	N10	N3	N10	N12
AFTER ROUND 4 HAS INFO ABOUT	N2, N3, N4	ALL	N2, N3, N4, N9, N10	N2, N3, N4, N9, N10	ALL	N9, N10, N12, N13	N9, N10, N12, N13
ROUND 5 PICK	N3	N12	N3	N2	N2	N13	N10
AFTER ROUND 5 HAS INFO ABOUT	ALL	ALL	N2, N3, N4, N9, N10	N2, N3, N4, N9, N10	ALL	ALL	N9, N10, N12, N13
ROUND 6 PICK	N13	N2	N9	N10	N3	N9	N4
AFTER ROUND 6 COMPLETE	ALL	ALL	ALL	ALL	ALL	ALL	ALL

**FIG. 3**

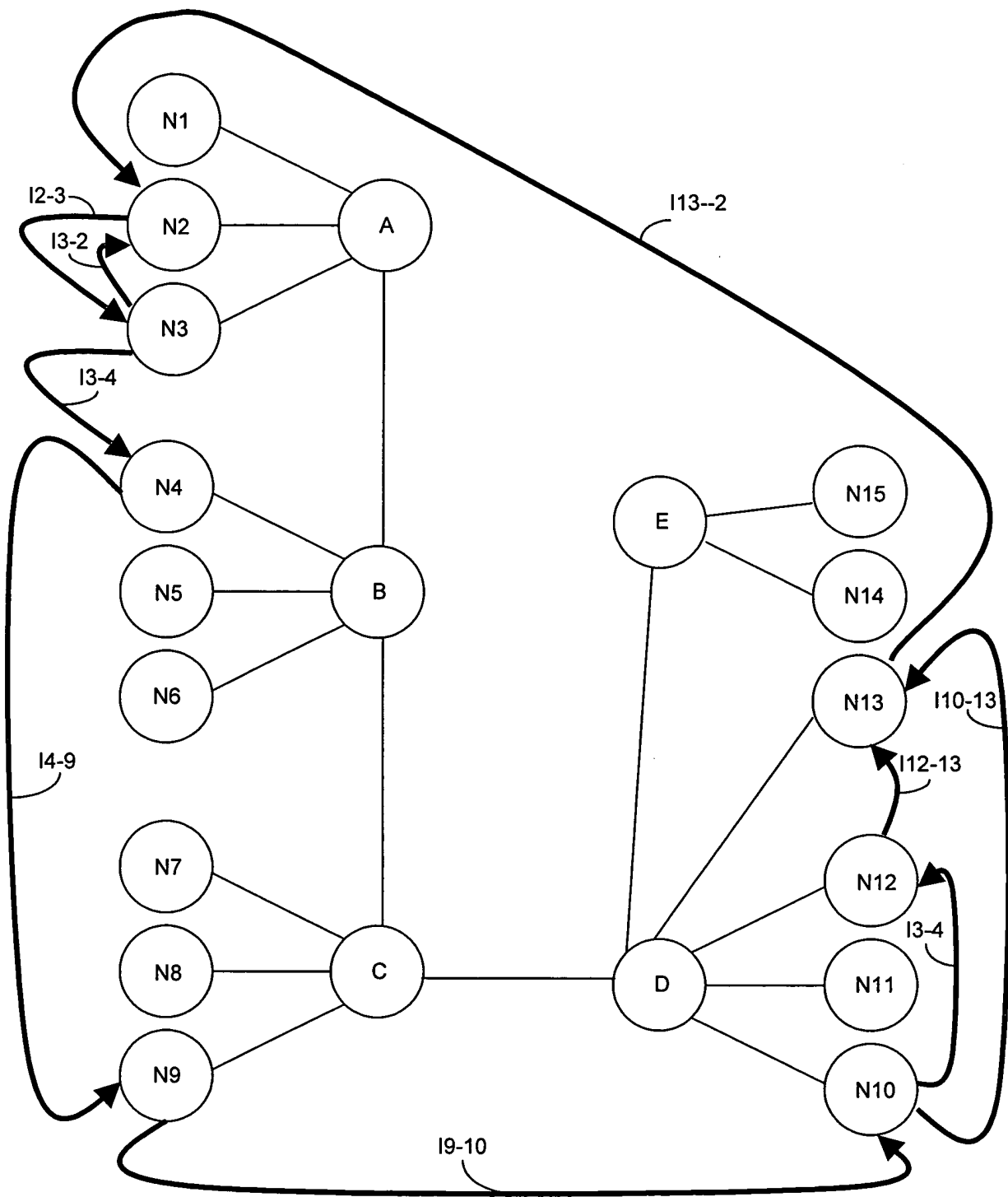


**FIG. 4**  
**RANDOM POINTER JUMP**



	N2	N3	N4	N9	N10	N12	N13
INITIALLY HAS INFO ABOUT	N2, N3	N2, N3, N4	N4, N9	N9, N10	N10, N12, N13	N12, N13	N12, N13
ROUND 1 PICK	N3	N2	N9	N10	N12	N13	N12
AFTER ROUND 1 HAS INFO ABOUT	N2, N3, N4	N2, N3, N4	N4, N9, N10	N9, N10, N12, N13	N10, N12, N13	N12, N13	N12, N13
ROUND 2 PICK	N3	N4	N9	N12	N13	N13	N12
AFTER ROUND 2 HAS INFO ABOUT	N2, N3, N4	N2, N3, N4, N9, N10	N4, N9, N10, N12, N13	N9, N10, N12, N13	N10, N12, N13	N12, N13	N12, N13
ROUND 3 PICK	N4	N10	N9	N10	N12	N13	N12
AFTER ROUND 3 HAS INFO ABOUT	ALL	ALL	N4, N9, N10, N12, N13	N9, N10, N12, N13	N10, N12, N13	N12, N13	N12, N13

FIG. 5



**FIG. 6**

	N2	N3	N4	N9	N10	N12	N13
INITIALLY HAS INFO ABOUT	N2, N3	N2, N3, N4	N4, N9	N9, N10	N10, N12, N13	N12, N13	N2, N13
ROUND 1 PICK	N3	N2	N9	N10	N12	N13	N2
AFTER ROUND 1 HAS INFO ABOUT	N2, N3, N4	N2, N3, N4	N4, N9, N10	N9, N10, N12, N13	N10, N12, N13	N2, N12, N13	N2, N3, N13
ROUND 2 PICK	N3	N4	N9	N12	N13	N13	N3
AFTER ROUND 2 HAS INFO ABOUT	N2, N3, N4	N2, N3, N4, N9, N10	N4, N9, N10, N12, N13	N2, N9, N10, N12, N13	N2, N3, N10, N12, N13	N2, N3, N12, N13	N2, N3, N4, N13
ROUND 3 PICK	N4	N10	N12	N10	N2	N3	N4
AFTER ROUND 3 HAS INFO ABOUT	ALL	ALL	ALL	N2, N3, N9, N10, N12, N13	N2, N3, N4, N10, N12, N13	ALL	ALL
ROUND 4 PICK	N3	N4	N9	N2	N3	N10	N12
AFTER ROUND 4 COMPLETE	ALL	ALL	ALL	ALL	ALL	ALL	ALL

**FIG. 7**



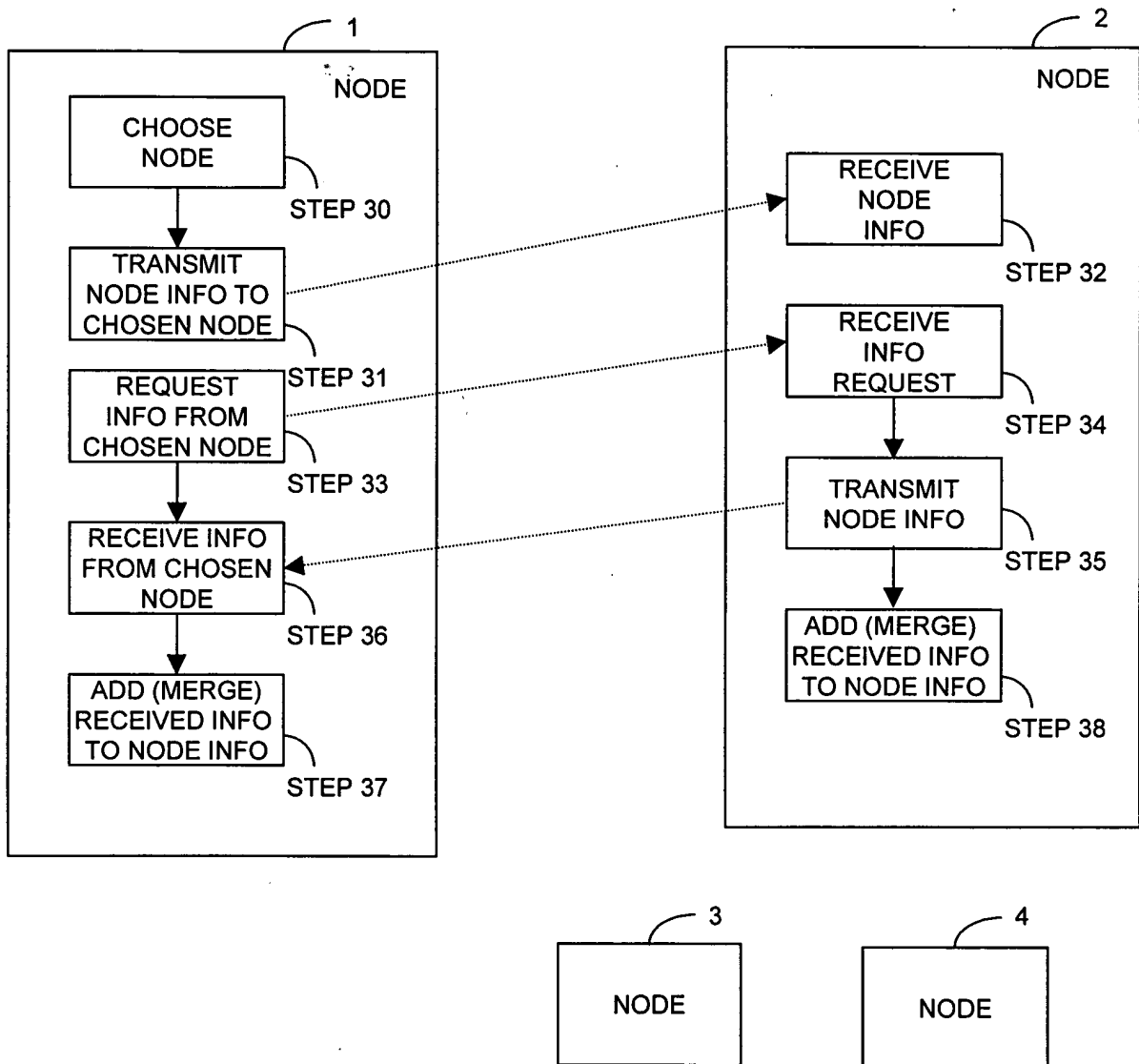
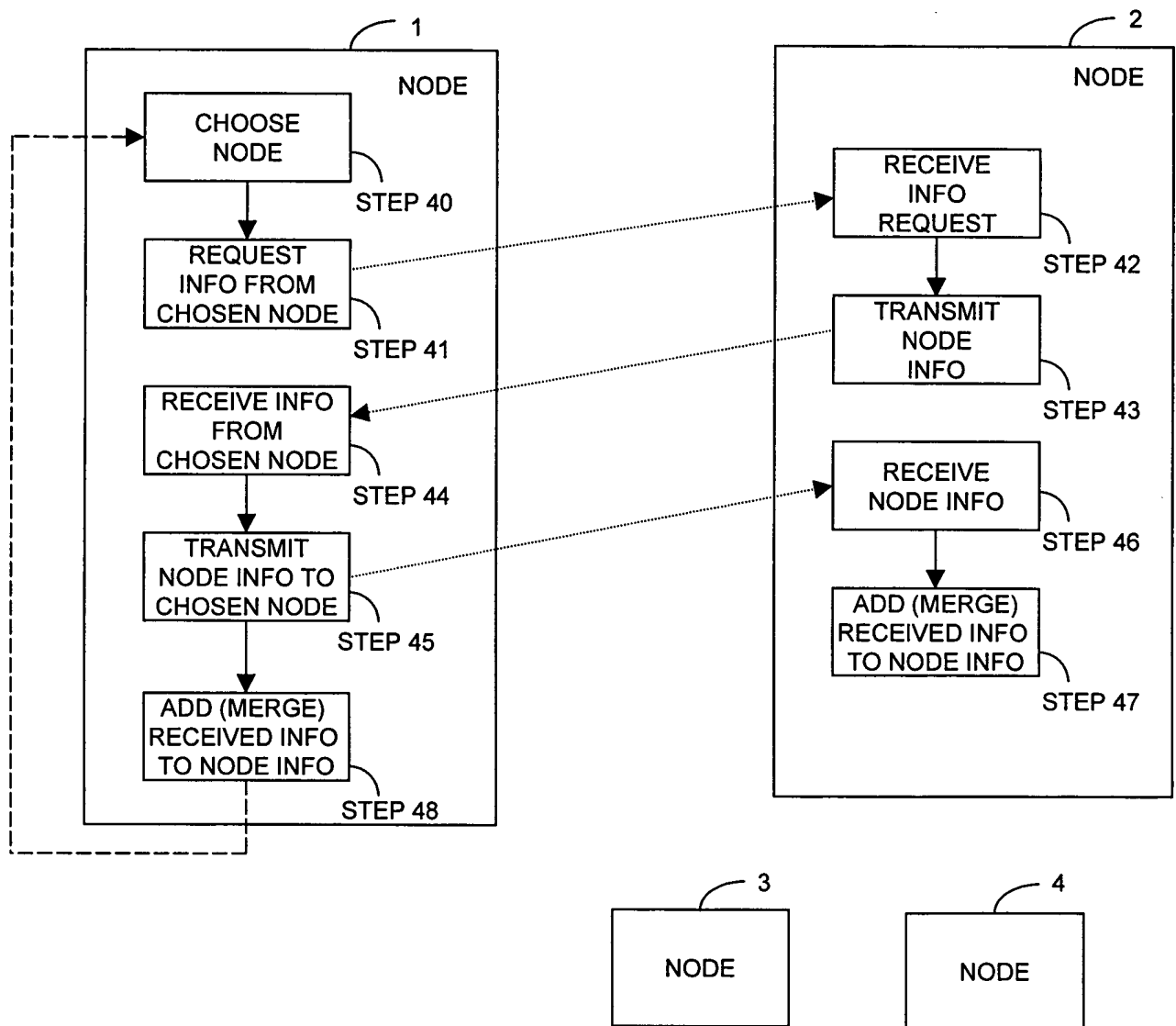


FIG. 8



**FIG. 9**

	N2	N3	N4	N9	N10	N12	N13
INITIALLY HAS INFO ABOUT	N2, N3	N2, N3, N4	N4, N9	N9, N10	N10, N12, N13	N12, N13	N12, N13
ROUND 1 PICK	N3	N2	N9	N10	N12	N13	N12
AFTER ROUND 1 HAS INFO ABOUT	N2, N3, N4	N2, N3, N4	N4, N9, N10	N4, N9, N10, N12, N13	N9, N10, N12, N13	N10, N12, N13	N12, N13
ROUND 2 PICK	N3	N4	N9	N4	N13	N10	N12
AFTER ROUND 2 HAS INFO ABOUT	N2, N3, N4	N2, N3, N4, N9, N10	ALL	N4, N9, N10, N12, N13	N9, N10, N12, N13	N9, N10, N12, N13	N9, N10, N12, N13
ROUND 3 PICK	N4	N10	N9	N10	N12	N13	N10
AFTER ROUND 3 HAS INFO ABOUT	ALL	ALL	ALL	ALL	N4, N9, N10, N12, N13	N9, N10, N12, N13	N9, N10, N12, N13
ROUND 4 PICK	N3	N4	N9	N2	N4	N10	N12
AFTER ROUND 4 HAS INFO ABOUT	ALL	ALL	ALL	ALL	ALL	N4, N9, N10, N12, N13	N9, N10, N12, N13
ROUND 5 PICK	N9	N12	N3	N13	N2	N13	N10
AFTER ROUND 5 COMPLETE	ALL	ALL	ALL	ALL	ALL	ALL	ALL

FIG. 10